

# RECLAMATION

*Managing Water in the West*

**MT DROUGHT ADVISORY COMMITTEE MEETING**

**RESERVOIR AND RIVER OPERATIONS**

**July 20, 2011**



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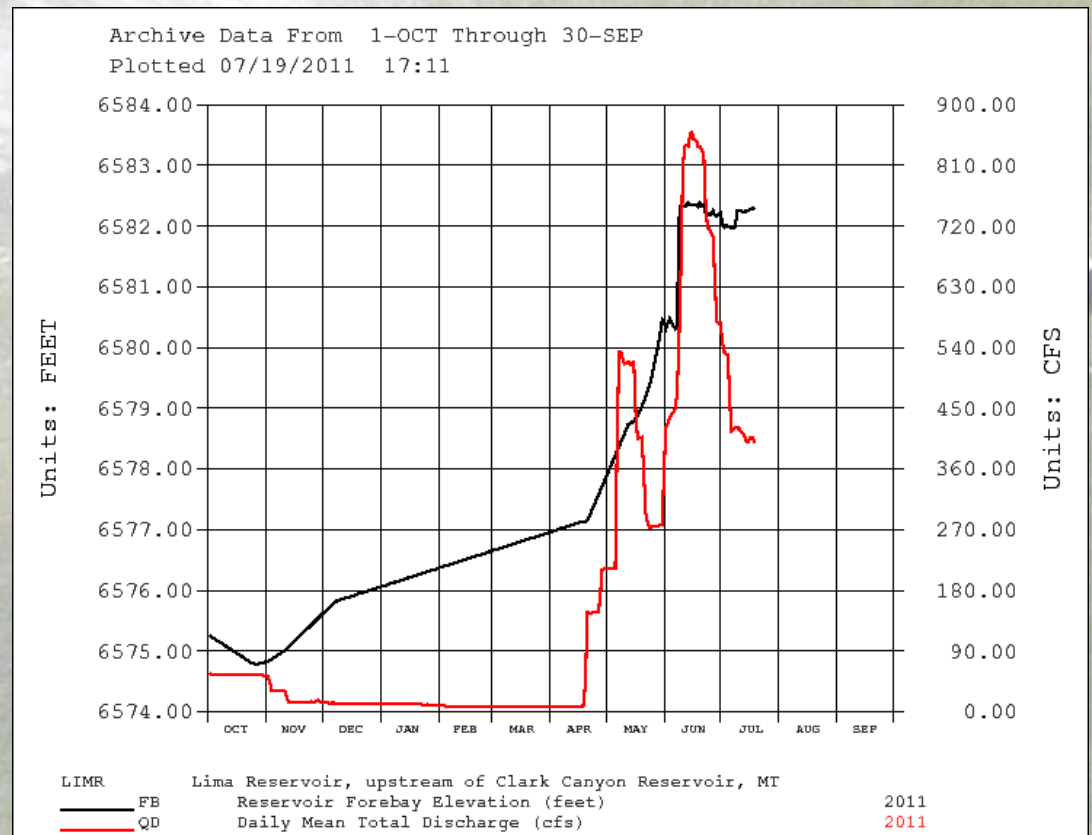
### Lima Reservoir

Inflows to Lima are well above average

Storage @ 146% of average & 96% full

Currently releasing about 400 cfs out of Lima

Water supply outlook looks good and water users will receive a full water supply in 2011



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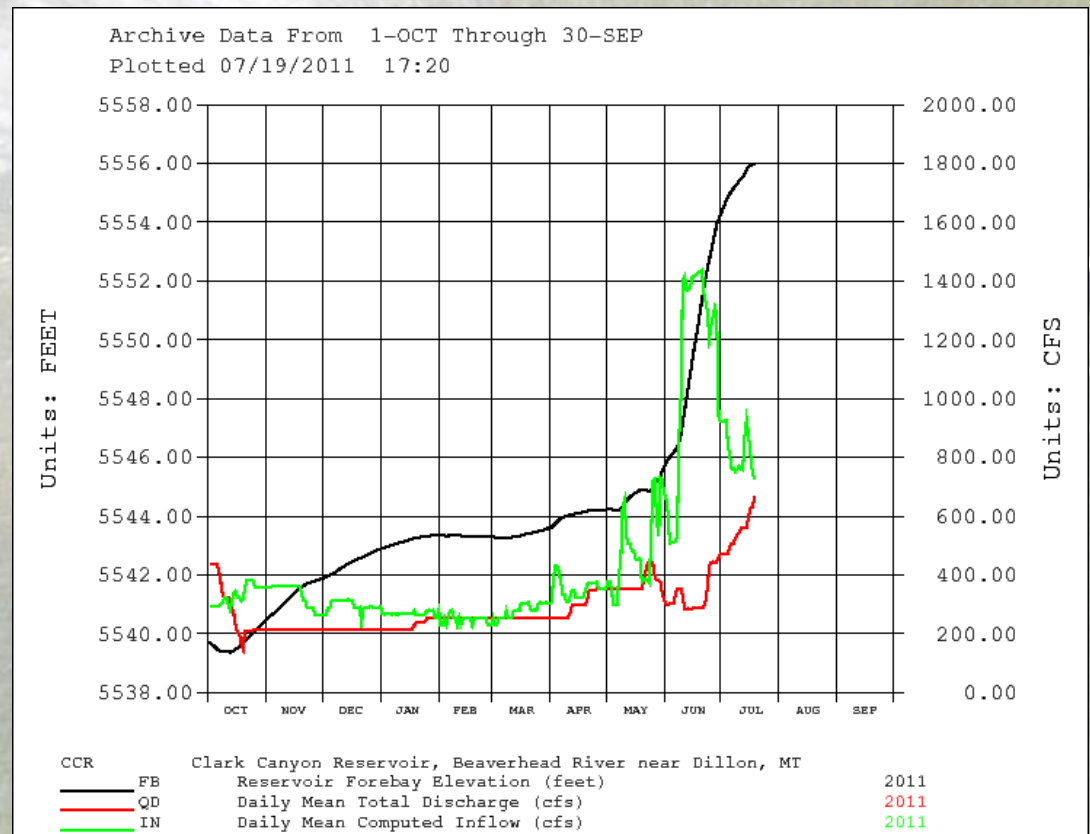
### Clark Canyon Reservoir

Inflows to Clark Canyon are  
165% of average

Storage @ 145% of average,  
131% full, & 8.1 ft or 44,100 af  
higher than last year

Currently releasing 800 cfs in  
preparation to meet irrigation  
demands and evacuate flood  
storage in Clark Canyon

Water supply outlook is good  
and EBID & CCWSC will receive  
full water supplies in 2011



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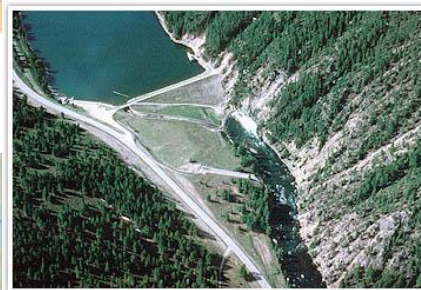


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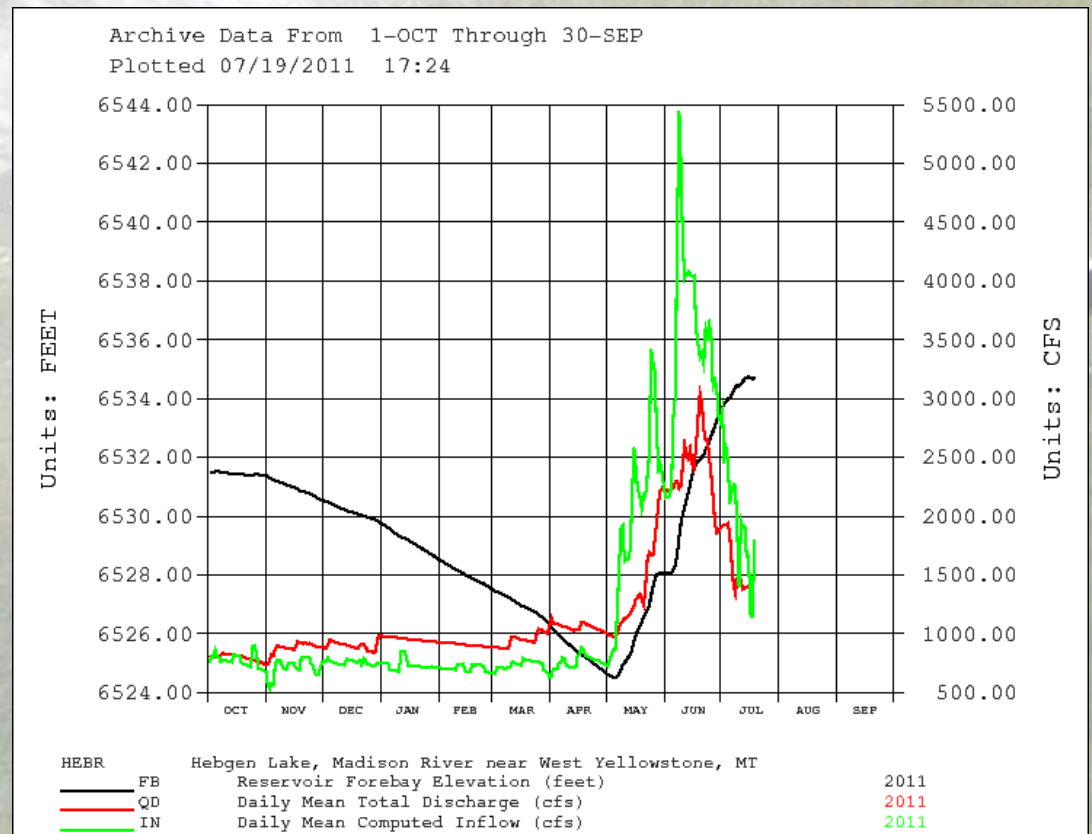
### Hebgen Reservoir (PPL-MT)

Currently releasing 1,420 cfs to Madison River

Storage @ 100% of average, 100% full, & 0.1 ft or 1,600 af higher than last year

Reservoir is currently @ elevation at 6534.7 & is expected to remain near this level through the summer

Water supply outlook is good

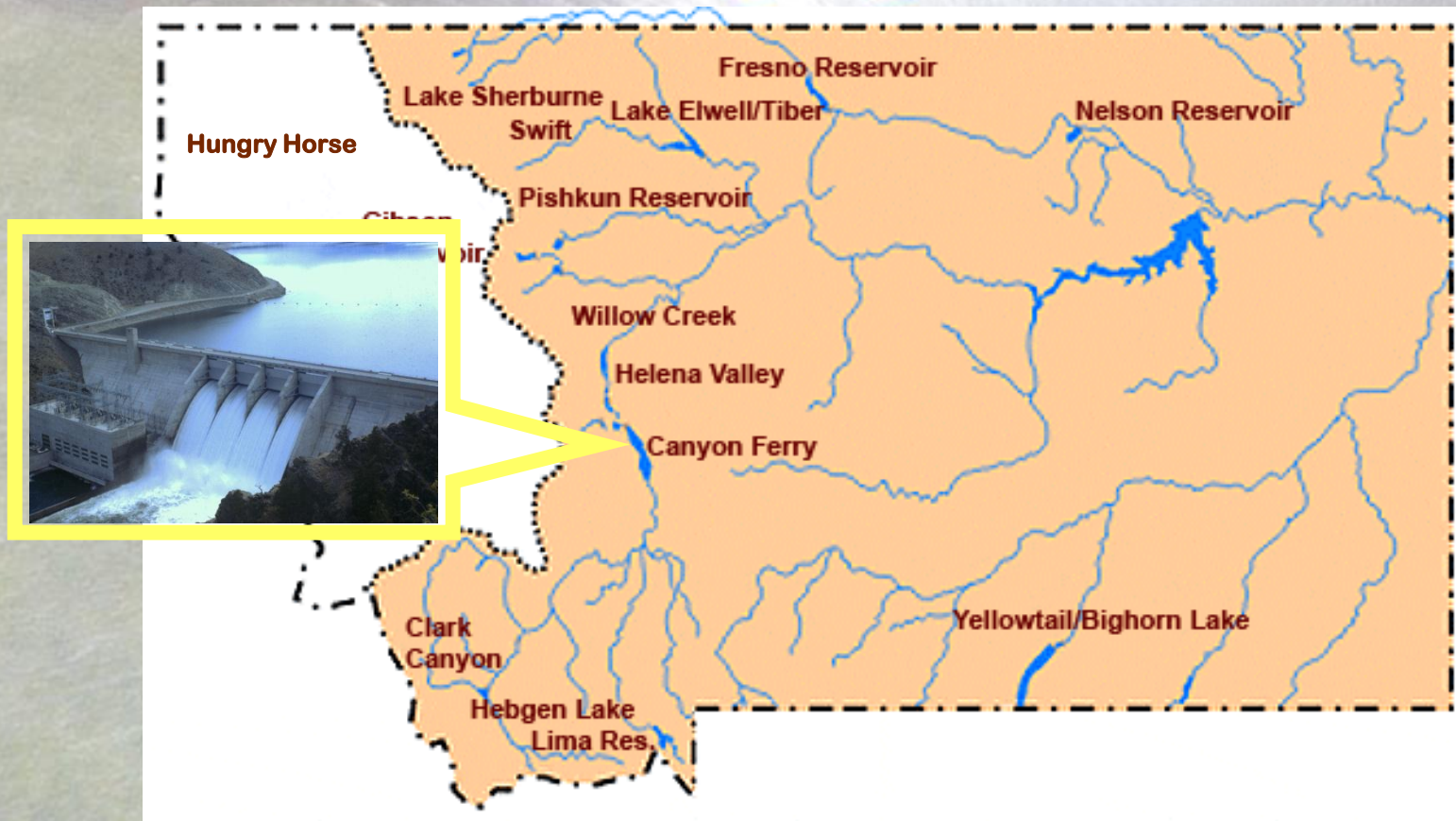


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### Canyon Ferry Reservoir

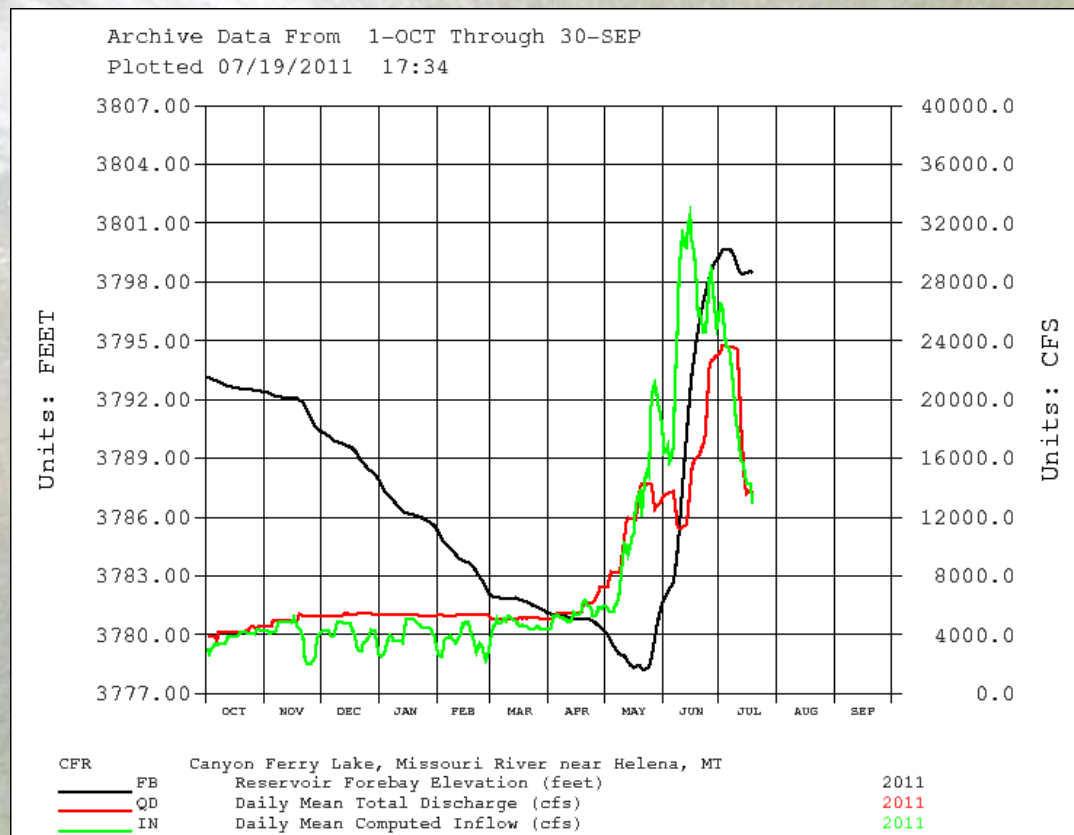
Inflows @ 340% of average

Storage @ 105% of average,  
103% full, & 1.3 ft higher than  
last year

Releases are being maintained  
near 13,400 cfs below Holter Dam  
and expected to be near 6,000 cfs  
by middle of next week

Canyon Ferry reached a peak  
elevation of 3799.72, only 0.28  
feet below maximum full pool

Water supply outlook is good



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### Gibson Reservoir

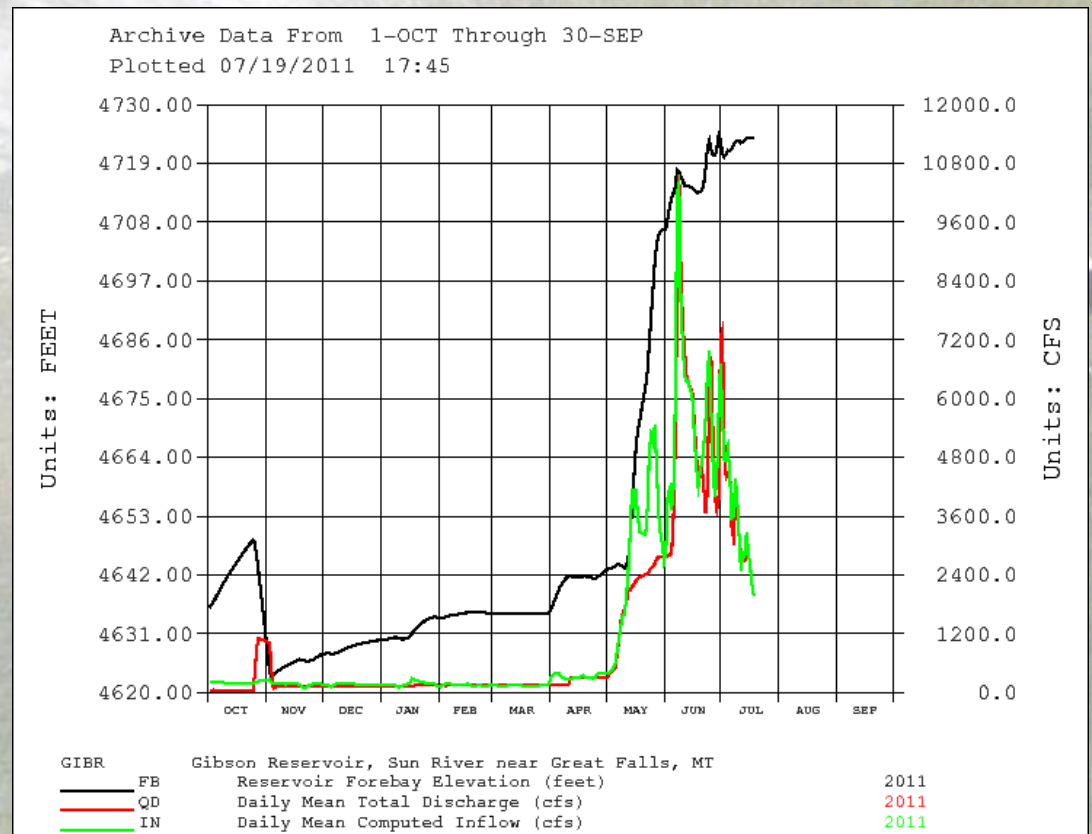
Inflows are 260% of average

Storage @ 136% of average,  
100% full, and 23 ft or 28,500 af  
higher than last year

Storages in Willow Creek &  
Pishkun Reservoirs are 122% &  
83% of average for this time of  
year

Releasing 825 cfs to Sun River

All water users are expected to  
receive a full water supply this  
year



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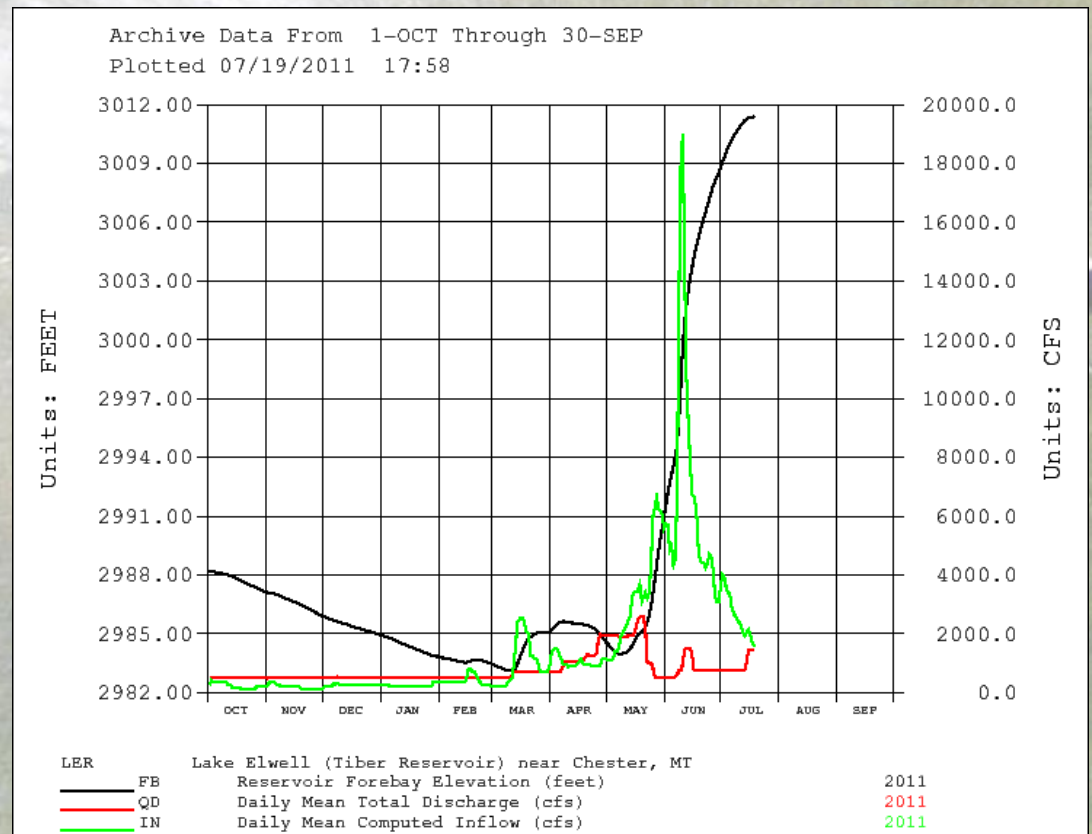
### Tiber Reservoir – Lake Elwell

Inflows are about 293% of average

Storage @ 142% of average, 141% full and 21.0 ft higher than last year

Increased releases to near 2,500 cfs to begin evacuating flood storage

Tiber has reached a record high elevation of 3011.46, 1 foot below top of exclusive flood pool



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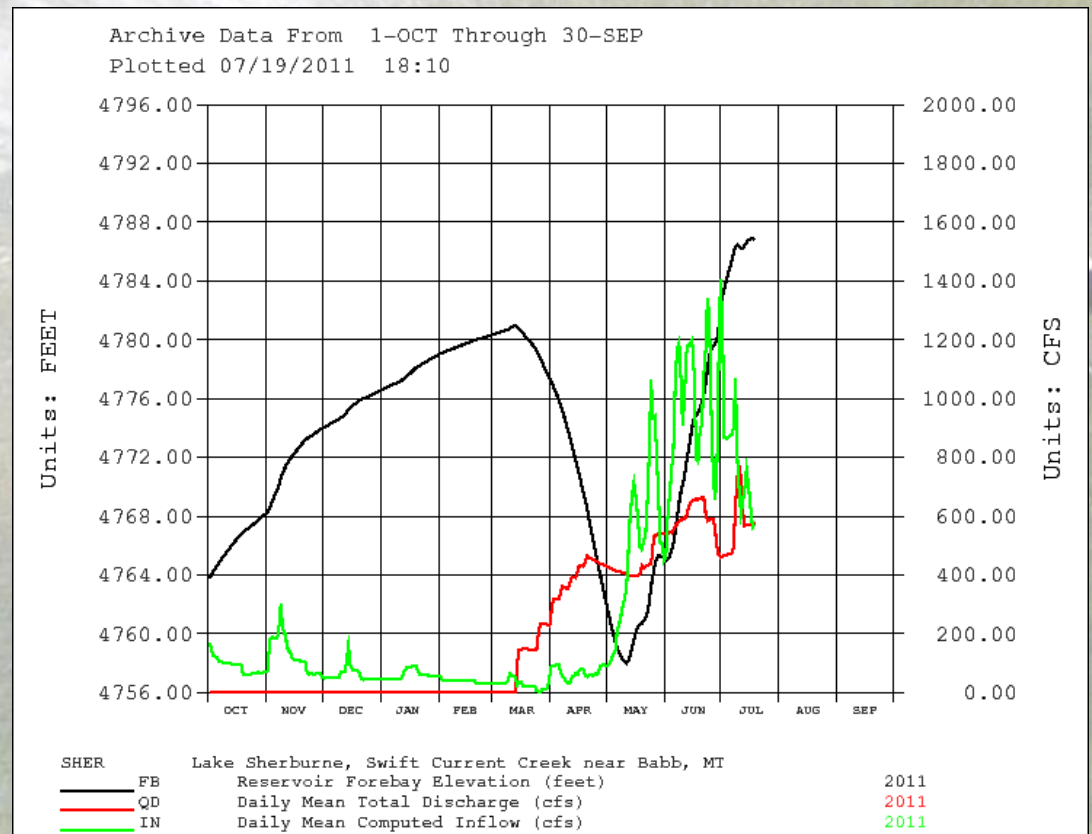
### Lake Sherburne

Inflows are about 265% of average

Storage @ 129 percent of average, 97% full, and 1.0 feet or 1,700 af lower than last year

Currently releasing 580 cfs from Lake Sherburne in preparation for the spring snowmelt runoff

Water supply outlook for Milk River Project is very good & all water users will receive a full water supply this year

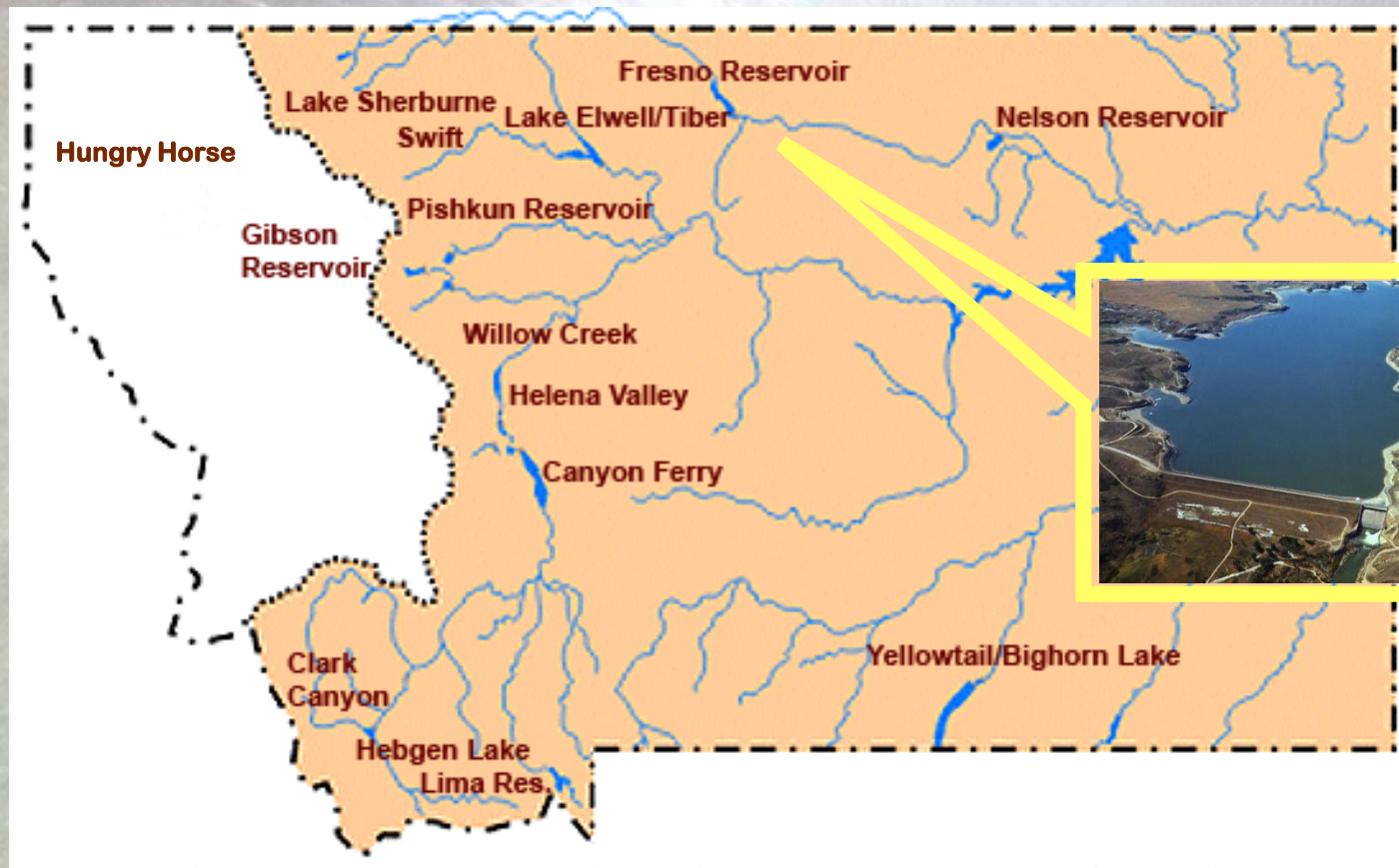


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### Fresno Reservoir

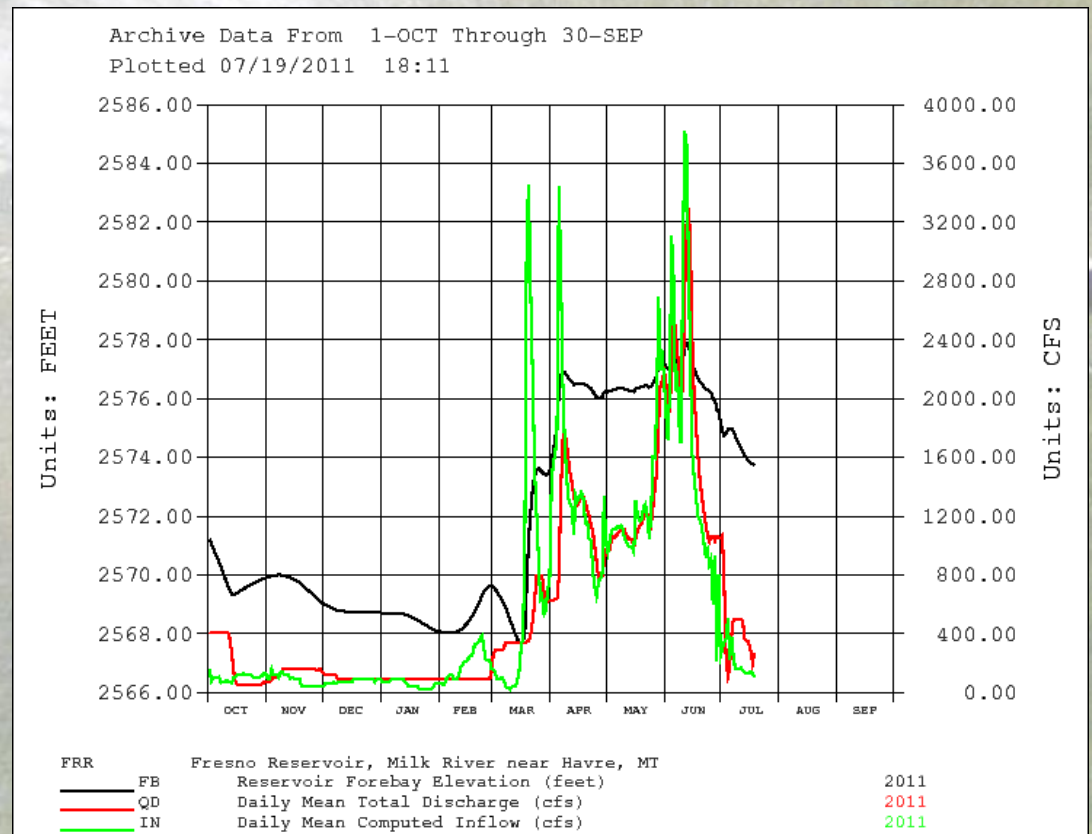
All diversions from the St. Mary Basin to Milk River are @ 0 cfs.

Storage @ 171% of average, 93% full, and 0.9 ft or 4,000 af higher than last year

Currently releasing 385 cfs to the Milk River

Storage is currently 1.3 feet below top of conservation pool & is expected to slowly drop to meet irrigation demands

Water supply outlook is good and all water users will receive a full water supply this year



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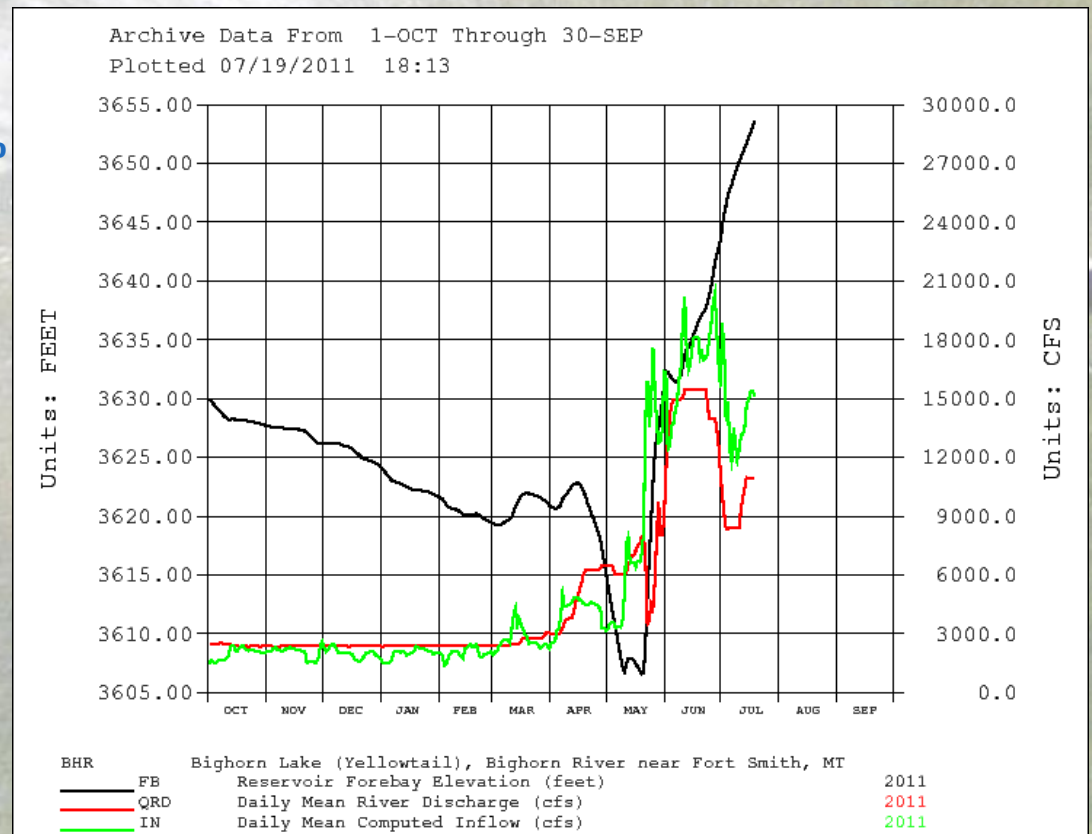
### Bighorn Lake (Yellowtail Reservoir)

Inflow @ about 456% of average

Storage @ 123% of average, 120% full, and 12.0 feet or 132,900 acre-feet higher than last year

Releasing 11,500 cfs to Bighorn River

Storage in Bighorn Lake is expected to increase into the exclusive flood pool by as much as 80% to control the snowmelt

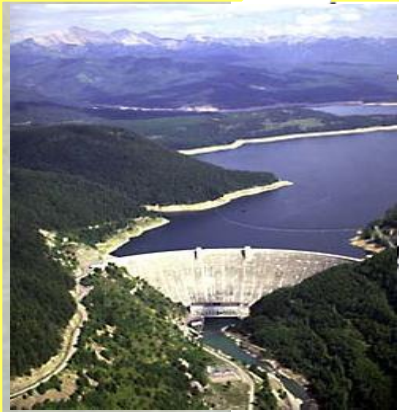


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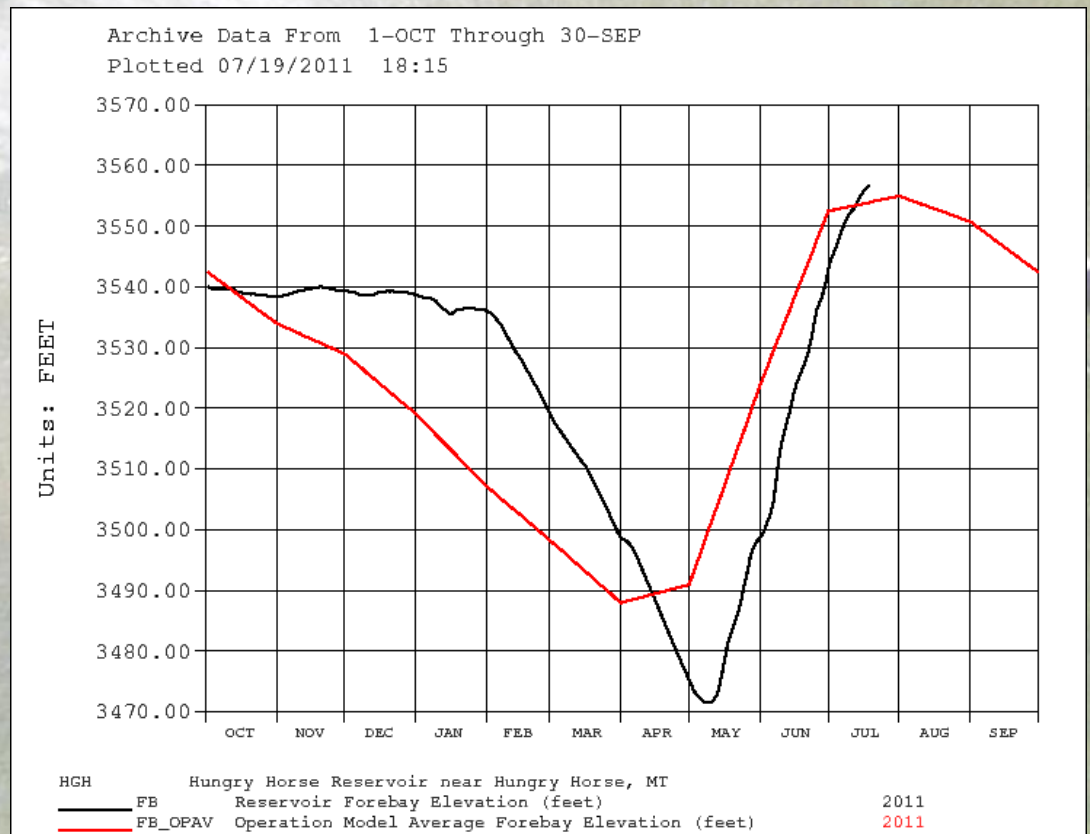
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### Hungry Horse Reservoir

Storage @ elevation 3557.14

Releasing 7,000 cfs to the South Fork of the Flathead River

Reservoir is expected to reach a peak level in late July.



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### Summary of Reservoir Conditions

- Precipitation has been well above average during April, May, and June.
- Releases have been adjusted to prevent flooding downstream and also to store as much water as possible in the exclusive flood pools at many Reclamation projects.
- All Reclamation water users will receive full water supplies this year.
- Reclamation will be releasing unusually high flows at some of its projects to slowly evacuate all of the storage in the exclusive flood pools. These are Clark Canyon, Canyon Ferry, Tiber, and Yellowtail Reservoirs.



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## Reclamation's Internet Website

<http://www.usbr.gov/gp/water/>

- near real-time data available through the HYDROMET data system
- summaries and plots of historical data
- annual reservoir operating plan publication
- monthly water supply reports
- project data
- snow plots
- links to related internet sites



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